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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/634,162
Filing Date	August 5, 2003
First Named Inventor	Michael William Wilson
Art Unit	1625
Examiner Name	Evelyn Mei Huang
Attorney Docket Number	PC 25239A

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
SM		EP 0 555 480 A1	08/18/1993	Ohta, et al		
		EP 0 935 963 A2/A3	08/18/1999	McClure, et al.		
		EP 1 138 680 A1	10/04/2001	Noe		
		WO 00/09485 A1	02/24/2000	McClure, et al.		
SM		WO 01/028993 A2/A3	04/26/2001	Fraley, et al.		

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SN		WO 01/12611 A1	02/22/2001	Blagg	
		WO 01/63244 A1	08/30/2001	Chen, et al.	
		WO 02/34726 A2/A3	05/02/2002	Noe, et al.	
SN		WO 02/34753 A2/A3	05/02/2002	Bronk, et al.	

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Date Considered

7/21/04

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Substitute for form 1449B/PTO				Complete If Known	
				<i>Application Number</i>	10/634,162
				<i>Filing Date</i>	August 5, 2003
				<i>First Named Inventor</i>	Michael William Wilson
				<i>Art Unit</i>	1625
				<i>Examiner Name</i>	Evelyn Mei Huang
Sheet	3	of	4	<i>Attorney Docket Number</i>	PC 25239A

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>MH</i>		BILLINGHURST, et al., Comparison of the Degradation of Type II Collagen and Proteoglycan in Nasal and Articular Cartilages Induced by Interleukin-1 and the Selective Inhibition of Type II Collagen Cleavage by Collagenase, <i>Arthritis & Rheumatism</i> , 2000; 43(3): 664-672	
		BILLINGHURST, et al., Enhanced Cleavage of Type II Collagen by Collagenases in Osteoarthritic Articular Cartilage, <i>J. Clin Invest.</i> , 1997; 99(7): 1534-1545	
		CHEN, et al., Structure-Based Design of a Novel, Potent, and selective Inhibitor for MMP-13 Utilizing NMR Spectroscopy and Computer-Aided Molecular Design, <i>J. Am. Chem. Soc.</i> , 2000; 122: 9648-9654	
		DAHLBERG, et al., Selective Enhancement of Collagenase-mediated Cleavage of Resident Type II Collagen in Cultured Osteoarthritic Cartilage and Arrest with a Synthetic Inhibitor that Spares Collagenase I (Matrix Metalloproteinase2), <i>Arthritis & Rheumatism</i> , 2000; 43(3): 673-682	
		GILIS, et al., 1H-tetrazol-5-yl derivatives of chemotherapeutic agents of the nalidizic acid type, <i>Eur. J. Med. Chem.</i> , 1980; 15(6):499-502	
		HARRIS, The Oxidation of N-(2-Pyridyl) Thioureas. The Synthesis of [1.2.4] Thia diazolo [2,3-a] Pyridinium Salts, <i>Aust. J. Chem.</i> , 1972;25(5): 993-1001	
		HIROTA, et al., Novel Synthesis of Pyrido[3,4-d]pyrimidines, Pyrido[2,3-d]pyrimidines, and Quinazolines via Palladium-catalyzed Oxidative Coupling, <i>Heterocycles</i> , 1994; 37(1): 563-570	
		LEE, et al., Reactions of 3-Methylamino-5-phenylthiophene with a,B-Unsaturated Esters and a, B-Unsaturated Nitriles, <i>Journal of Heterocyclic Chemistry</i> , 2000; 37: 363-372	
		LOVEJOY, et al., Crystal structures of MMP-1 AND -13 reveal the structural basis for selectivity of collagenase inhibitors, <i>Nature Structural Biology</i> , 1999; 6(3): 217-221	
<i>MH</i>		MITCHELL, et al., Cloning, Expression, and Type II Collagenolytic Activity of Matrix Metalloproteinase-13 from Human Osteoarthritic Cartilage, <i>J. Clin. Invest.</i> , 1996; 97: 761-768	

Examiner Signature	<i>E. Huang</i>	Date Considered	7/21/04
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<i>EW</i>		MOY, et al., High-resolution Solution Structure of the Catalytic Fragment of Human Collagenase-3 (MMP-3) Complexed with a Hydroxamic Acid Inhibitor, <i>J. Mol. Biol.</i> , 2000; 302: 671-689			
<i>EW</i>		NEUHOLD, et al., Postnatal expression in hyaline cartilage of constitutively active human collagenase-3 (MMP-13) induces osteoarthritis in mice, <i>J. Clin. Invest.</i> , 2001; 107(1): 35-44			
		CrossFire Accession no. ("AN") BRN 5584935 (XP002260703) - Commulative - no copy			
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<i>EW</i>		Office Action mailed June 16, 2003 in U.S.S.N. 10/264,764			
<i>EW</i>		Search Report from PCT/IB03/03523			

Examiner Signature	<i>E. Huang</i>	Date Considered	7/21/04
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